2017 CERTIFICATION

2018 JUN 15 AM 8: 36

Consumer Confiden	ce Report (CCR)
City of Semo	tobia. M5
Public Water Sy	
069005	
List PWS ID #s for all Community Wa	ater Systems included in this CCR
The Federal Safe Drinking Water Act (SDWA) requires each Coma Consumer Confidence Report (CCR) to its customers each year must be mailed or delivered to the customers, published in a news request. Make sure you follow the proper procedures when distrimail, a copy of the CCR and Certification to the MSDH. Please	Depending on the population served by the PWS, this CCR spaper of local circulation, or provided to the customers upon buting the CCR. You must email, fax (but not preferred) or
Customers were informed of availability of CCR by: (A	
Advertisement in local paper (Atta	ch copy of advertisement)
☐ On water bills (Attach copy of bill))
☐ Email message (Email the messag	e to the address below)
☐ Other	1-1-12-
Date(s) customers were informed: / /2018	/ /2018 / /2018
CCR was distributed by U.S. Postal Service or oth methods used	er direct delivery. Must specify other direct delivery
Date Mailed/Distributed: / /	
CCR was distributed by Email (Email MSDH a copy)	Date Emailed: / /2018
☐ As a URL	(Provide Direct URL)
☐ As an attachment	
☐ As text within the body of the ema	il message
CCR was published in local newspaper. (Attach copy of Name of Newspaper: Tate Record	f published CCR <u>or</u> proof of publication)
Date Published: 06 /05 / 2018	
CCR was posted in public places. (Attach list of location	ns) Date Posted: / /2018
CCR was posted on a publicly accessible internet site at	the following address:
TERRITOR ATTOM	(Provide Direct URL)
hereby certify that the CCR has been distributed to the customers bove and that I used distribution methods allowed by the SDWA. I and correct and is consistent with the water quality monitoring data profit the profit of the customers. Supply	further certify that the information included in this CCR is true
Name/Title (President, Mayor, Owner, etc.)	Date
Submission options (Selec	et one method ONLY)
Mail: (U.S. Postal Service) MSDH, Bureau of Public Water Supply	Email: water.reports@msdh.ms.gov
P.O. Box 1700 Jackson, MS 39215	Fax: (601) 576 - 7800 **Not a preferred method due to poor clarity**

CCR Deadline to MSDH & Customers by July 1, 2018!

City of Senatobia 2017 Consumer Confidence Report PWS ID# 0690005

Spanish (Espanol)

Este informe contiene informacion muy importante sobre la calidad de su agua potable. Por favor lea este informe o comuniquese con alguien que pueda traducir la informacion.

Is my water safe?

We are pleased to present this year's Annual Water Quality Report (Consumer Confidence Report) as required by the Safe Drinking Water Act (SDWA). This report is designed to provide details about where your water comes from, what it contains, and how it compares to standards set by regulatory agencies. This report is a snapshot of last year's water quality. We are committed to providing you with information because informed customers are our best allies.

Do I need to take special precautions?

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Water Drinking Hotline (800-426-4791).

Where does my water come from?

Our water comes from the Lower Wilcox Aquifer. The City has 5 deep wells to serve its customers.

Source water assessment and its availability

A source water assessment has been completed and copies are available at the Public Works Department Office located at 405 Strayhorn Street.

Why are there contaminants in my drinking water?

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's (EPA) Safe Drinking Water Hotline (800-426-4791).

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams. ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity: microbial contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife; inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban stormwater runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming; pesticides and herbicides, which may come from a variety of sources such as agriculture, urban stormwater runoff, and residential uses; organic Chemical Contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff, and septic systems; and radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. Food and Drug Administration (FDA) regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

How can I get involved?

You are welcome to call our office at 662-562-8288. Our office hours are 8:00 AM to 4:30 PM Monday through Friday.

Regulation Governing Fluoridation of Community Water Supplies

To comply with the "Regulation Governing Fluoridation of Community Water Supplies", MS0690005 is required to report certain results pertaining to fluoridation of our water system. The number of months in the previous calendar year that average fluoride sample results were within the optimal range of 0.6 - 1.3 ppm was 11. The percentage of fluoride samples collected in the previous calendar year that was within the optimal range of 0.6 - 1.3 ppm was 98%.

Water Quality Data Table

In order to ensure that tap water is safe to drink, EPA prescribes regulations which limit the amount of contaminants in water provided by public water systems. The table below lists all of the drinking water contaminants that we detected during the calendar year of this report. Although many more contaminants were tested, only those substances listed below were found in your water. All sources of drinking water contain some naturally occurring contaminants. At low levels, these substances are generally not harmful in our drinking water. Removing all contaminants would be extremely expensive, and in most cases, would not provide increased protection of public health. A few naturally occurring minerals may actually improve the taste of drinking water and have nutritional value at low levels. Unless otherwise noted, the data presented in this table is from testing done in the calendar year of the report. The EPA or the State requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not vary significantly from year to year, or the system is not considered vulnerable to this type of contamination. As such, some of our data, though representative, may be more than one year old. In this table you will find terms and abbreviations that might not be familiar to you. To help you better understand these terms, we have provided the definitions below the table.

	MCLG or	MCL, TT, or Your Range Sample										
<u>Contaminants</u>	MRDLG	MRDL	Water Low High Date Viol		<u>Violation</u>	Typical Source						
Disinfectants & Disinfectant By-Products (There is a continuing a stident and distance of a disinfectant is necessary for control of misrobial contominants)												
(There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants)												
Chlorine (as Cl2) (ppm)	4	4	1.10	.14	2.20	2017	No	Water additive used to control microbes				
TTHMs [Total Trihalomethanes] (ppb)	NA	80	41.8	NA	NA	2016	No	By-product of drinking water disinfection				
Haloacetic acids Haa5 (ppb)	NA	60	12.0	NA	NA	2016	No	By-product of drinking water disinfection				
Inorganic Contamir	iants											
Fluoride (ppm)	4	4	1.53	.805	1.53	2016	No	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories				
Barium (ppm)	2	2	.0183	.010	.0183	2016	No	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits				
Cyanide (ppm)	0.20	0.20	.018	<.015	.018	2016	No	Discharge from steel/metal factories; discharge from plastic and fertilizer factories				
Chromium (ppm)	0.10	0.10	.0014	.0006	.0014	2016	No	Discharge from steel and pulp mills; erosion of natural deposits				

Contaminants	MCLG	AL	Your <u>Water</u>	Sample <u>Date</u>	# Samples Exceeding AL	Exceeds AL	Typical Source
Inorganic Contamin	ants						
Lead - action level at consumer taps (ppb)	0	15	1	2013	0	No	Corrosion of household plumbing systems; Erosio of natural deposits
Copper - action level at consumer taps (ppm)	1.3	1.3	0.6	2013	0	No	Corrosion of household plumbing systems; Erosio of natural deposits

it Descriptions							
Term	Definition						
ppm	ppm: parts per million, or milligrams per liter (mg/L)						
ppb	ppb: parts per billion, or micrograms per liter (μg/L)						
NA	NA: not applicable						
ND	ND: Not detected						
NR	NR: Monitoring not required, but recommended.						

nportant Drinking Water Definitions							
Term	Definition						
MCLG	MCLG: Maximum Contaminant Level Goal: The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.						
MCL	MCL: Maximum Contaminant Level: The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.						
TT	TT: Treatment Technique: A required process intended to reduce the level of a contaminant in drinking water.						
AL	AL: Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.						
Variances and Exemptions	Variances and Exemptions: State or EPA permission not to meet an MCL or a treatment technique under certain conditions.						
MRDLG	MRDLG: Maximum residual disinfection level goal. The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.						
MRDL	MRDL: Maximum residual disinfectant level. The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.						
MNR	MNR: Monitored Not Regulated						
MPL	MPL: State Assigned Maximum Permissible Level						

For more information please contact:

Contact Name: Jeff Rich

Address: P.O. Box 1020 Senatobia, MS 38668 Phone: 662-562-8288

Website: www.cityofsenatobia.com

Please note this report will not be mailed to each customer. A copy of this report is available at the Utility Department office located at 133 North Front Street.

Tate Record

Senatobia, Mississippi

PROOF OF PUBLICATION

STATE OF MISSISSIPPI, Tate County

I, Shirley Trimm, Clerk of Tate Record, a public newspaper printed and published in the City of Senatobia, in said County and State, do solemnly swear that a water Popul notice of which the one hereto attached is a true copy, has been published in said
newspaper once a week for the period of consecutive weeks to-wit:
Dates of issue published:
, 2018
, 2018
, 2018
, 2018
Shirley Timm Clerk
NOTARY:
Sworn to and subscribed before me the

2018



City of Sensiehia 2017 Consumer Canfidenice Report PWS ID# 0690005

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Where does my wester eanso from? Our water course from the Lower Wileys Aguithe. The City has 5 deep wide to serve its outcomer.

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A source water assumment has been acceptanted and copies are available as the Public Wester
Department Office licensis at 405 Strephics Street:

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You are welcome to eall our office at 662-562-8228. Our office house are \$400 AMA to 459 Feb. Manday Through Friday.

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To comply with the "Lagelation Governing Fluoridation of Community Weare Strygliae",
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The number of stronglish in the psyrious calendar, your that everage Storics complex media were
written the optimal energy of 0.6 = 1.3 ppm was 11. The percentage of fluorida mengion, collected
in the provious calendar year that was within the optimal energy of 0.6 = 1.3 ppm was 95%.

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